

WEEKLY SUMMARY REPORT

Client:	Needham DPW	Dates:	11/4/2019 to 11/8/2019
Contract:	Rosemary Lake Dredging		
Contractor:	Maverick Construction Co., Inc.	Inspector(s) on site:	Caroline Armstrong

WORK COMPLETED THIS WEEK

- Lake drawdown continued. Additional valve turns completed on Wednesday.
- Weekly flow and turbidity monitoring conducted on Tuesday and Thursday along Rosemary Brook.
- BETA met with Conservation Commission on Site on Thursday to observe monitoring efforts.
- Wetland Specialist report submitted. Will be prepared weekly during drawdown.
- On-going equipment and material procurement.

WORK ANTICIPATED FOR NEXT WEEK

- Continue lake drawdown.
- MassDEP indicated that approval letter for fueling in lake and portland cement usage to be issued next week.
- Weekly turbidity monitoring to be conducted along Rosemary Brook. Monitoring shall continue to occur twice a week during drawdown, on Tuesdays and Fridays.
- On-going equipment procurement.

PHOTOS



Staging Area with equipment (11/5/2019)



Tuesday (11/5/2019)



Thursday (11/7/2019)

Lake outlet - Drawdown progress



Tuesday (11/5/2019)



Thursday (11/7/2019)

Lake west of Staging Area - Drawdown progress



Lake east of Staging Area - Drawdown progress on Thursday (11/7/2019)



Tuesday (11/5/2019) – Water level 6" at Stake



Thursday (11/7/2019) – Water level 9" at Stake

Station 1 (Petrini Property) – Turbidity, velocity, and sediment depth readings taken. Water level 3 inches higher on Thursday than Tuesday.



Tuesday (11/5/2019)



Thursday (11/7/2019) – Water level ~3" higher than Tuesday

Station 1 (Petrini Property) – Turbidity, velocity, and sediment depth readings taken. Water level 3 inches higher on Thursday than Tuesday.



Tuesday (11/5/2019)



Thursday (11/7/2019) – Water level ~5" higher than Tuesday

Station 2 (West Street) – Turbidity, velocity, and sediment depth readings taken on Tuesday and Thursday. Stake almost underwater on Thursday.



Station 2 (West Street) – View downstream of Station 2. Stake almost underwater. (11/7/2019)



Station 5.1 (11/5/2019)



Station 5.1 (11/7/2019)

Station 5.1 – Edge of Bank shown. Turbidity, velocity, and sediment depth readings taken on Tuesday and Thursday.



Station 5.2 (11/5/2019)



Station 5.2 (11/7/2019)

Station 5.2 – Edge of Bank shown. Turbidity, velocity, and sediment depth readings taken on Tuesday and Thursday.



Station 5.3 (11/5/2019)



Station 5.3 (11/7/2019)

Station 5.3 (Whalen Property) – Edge of Bank shown. Turbidity, velocity, and sediment depth readings taken on Tuesday and Thursday



Station 5.4 (11/5/2019)



Station 5.4 (11/7/2019)

Station 5.4 (Whalen Property) – Edge of Bank shown. Turbidity, velocity, and sediment depth readings taken on Tuesday and Thursday



Station 5.5 (11/5/2019)



Station 5.5 (11/7/2019)

Station 5.5 (Whalen Property) – Edge of Bank shown. Turbidity, velocity, and sediment depth readings taken on Tuesday and Thursday